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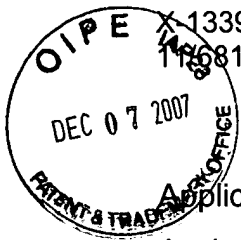
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|-------------------------------------------------------------------------------------|-------------------------|-------------------|
| <b>TRANSMITTAL FORM</b><br>(to be used for all correspondence after initial filing) | Application / Conf. No. | 10/681,508 / 9639 |
|                                                                                     | Filing Date             | October 07, 2003  |
|                                                                                     | First Named Inventor    | John K. Jennings  |
|                                                                                     | Examiner Name           | Chuong D. Ngo     |
|                                                                                     | Art Unit                | 2193              |
|                                                                                     | Patent No.              |                   |
| Mail Stop: AMENDMENT                                                                | Attorney Docket Number  | X-1339 US         |
| Express Mail Receipt No.                                                            |                         |                   |
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| ENCLOSURES (check all that apply)                                             |                                                                                         |                                                                                            |
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| <input type="checkbox"/> Substitute PTO-1449(s) IDS by Applicant (PTO/SB/08A) | Remarks Response to Second Office Action                                                |                                                                                            |
| <input type="checkbox"/> Certified Copy of Priority Document(s)               |                                                                                         |                                                                                            |
| <input type="checkbox"/> Response to Missing Parts/Incomplete Application     |                                                                                         |                                                                                            |
| <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53  |                                                                                         |                                                                                            |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT |                                       |                                                                                                   |
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| Attn:                                      | Michael R. Hardaway (Customer Number) |                                                                                                   |
| Signature                                  |                                       |                                                                                                   |
| Date                                       | December 5, 2007                      | Charge any additional fees required/credit any overpayment to our Deposit Account Number: 24-0040 |

| CERTIFICATE OF MAILING                                                                                                                                                                                                                     |              |      |                  |
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| I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 on this date: |              |      |                  |
| Typed or Printed Name                                                                                                                                                                                                                      | Pat Tompkins |      |                  |
| Signature                                                                                                                                                                                                                                  |              | Date | December 5, 2007 |

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.



X-1339 US  
11/681,508

PATENT  
Conf. No.: 9639

IN THE UNITED STATES PATENT OFFICE

Applicant: John K. Jennings  
Assignee: Xilinx, Inc.  
Title: INTERPOLATION OF SIGNALS FROM A DELAY LINE  
Serial No.: 11/681,508 Filed: October 7, 2003  
Examiner: Chuong D. Ngo Art Unit: 2193  
Docket No.: X-1339 US Conf. No.: 9639

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Mail Stop AMENDMENT  
COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

AMENDMENT IN RESPONSE TO SECOND NON-FINAL OFFICE ACTION

Dear Sir:

In response to the final Office Action mailed from the Patent Office on September 21, 2007, please amend the above-identified application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks** begin on page 7 of this paper.